Journal of Surgical Oncology

Volume 48
September, October, November, December, 1991

Editor-in-Chief
Gerald P. Murphy, MD

Emory University and
Georgia Baptist Medical Center
Atlanta, Georgia

Wiley-Liss, Inc., New York

© 1991 Wiley-Liss, Inc.
605 Third Avenue
New York, New York 10158-0012

Contents

Volume 48, Number 1, September 1991

Editorial Comment: The Risky Shift
John S. Spratt 1

Patterns of DNA-Ploidy in Operable Colorectal Carcinoma: A Prospective Study of 100 Cases
Antonio Russo, Viviana Bazan, Sergio Plaja, Patricia Leonardi, and Pietro Bazan 4

Proliferation Index in Various Stages of Breast Cancer Determined by Ki-67 Immunostaining
Jeffrey C. Pence, Ali M. Kizilbash, Billie-Jo M. Kerns, Jeffrey R. Marks, and J. Dirk Iglehart 11

Complications of Infection and Immunologic Status After Surgery for Patients With Esophageal Cancer
Takao Saito, Katsuhiro Shimoda, Yuji Shigemitsu, Tadahiko Kinoshita, Akihiko Kuwahara, Masaki Miyahara, and Michio Kobayashi 21

Metastatic Pattern of Infiltrating Lobular Carcinoma of the Breast: An Autopsy Study
Janez Lamovec and Matej Bračko 28

In Vitro Response of a Human Colon Tumor Xenograft and a Lung Adenocarcinoma Cell Line to α-Difluoromethylornithine Alone and in Combination With 5-Fluorouracil and Doxorubicin
Karimullah A. Zirvi and Umur Atabek 34

Five-Year Survival for Cisplatin-Based Chemotherapy Versus Single-Agent Melphalan in Patients With Advanced Ovarian Cancer and Optimal Debulking Surgery
M. Steven Piver, James Fanning, and Henry E. Sprance 39

Effects of Antiplatelet Agents Alone or in Combinations on Platelet Aggregation and on Liver Metastases From a Human Pancreatic Adenocarcinoma in the Nude Mouse
George N. Tzanakakis, Kailash C. Agarwal, Dionysios K. Veronikis, and Michael P. Vezeridis 45

Results of Multimodal Therapy in Ewing's Sarcoma: A Retrospective Analysis of 20 Patients
Myriam Ben-Arush, Abraham Kuten, Monique Perez-Nahum, Yoram Cohen, and Victor Bialik 51

Adenocarcinoma of the Pancreas: A Multimodality Approach—A Single Surgeon's Experience (1979–1988)
Alan L. Schuricht, Donna J. Barbot, Mohammed Mohiuddin, and Francis E. Rosato 56

Lymphoepithelioma-Like Carcinoma of the Lung
Barry Miller, Charles Montgomery, Alvin L. Watne, Dan Johnson, Tim Bailey, and Ronald Kowalski 62

Benign Cartilaginous Tumors of the Upper Airway
James L. Frank, Beth R. Schwartz, Linda M. Price, and James P. Neifeld 69

Volume 48, Number 2, October 1991

Early Hilar Lung Cancer: Its Clinical Aspect
Yoh Watanabe, Junzo Shimizu, Makoto Oda, Takashi Iwa, Tsutomu Takashima, Ryoichi Kamimura, Masanobu Kitagawa, Akitaka Nonomura, Shinobu Nakamura, Kazuo Tanimoto, Fujitsugu Matsubara, Shigeru Ikegaki, and Katuji Yamada 75

The Effect of Head and Neck Cancer Treatment on Whole Salivary Flow
Mark T. Marunick, Mahmoud Seyedsadr, Kurshid Ahmad, and Barbara Klein 81

Prognostic Factors in Laryngeal Cancer Patients Submitted to Surgical Treatment
Luiz P. Kowalski, Eduardo L. Franco, Jozias de Andrade Sobrinho, Benedito V. Oliveira, and Paulo L. Pontes 87

Establishment of a Human Chorionic Gonadotropin-Producing Human Gastric Carcinoma in Nude Mice
Yutaka Takahashi, Masashi Ueno, and Masayoshi Mai 96

Extended Single Transverse Neck Incision for Composite Resections: Does It Work?
David Myssiorek and Gary D. Becker 101

Lymph Node Metastasis in Thoracic Esophageal Carcinoma
Hoichi Kato, Yuji Tachimori, Hiroshi Watanabe, Toshifumi Iizuka, Shoji Terui, Masayuki Itabashi, and Teruyuki Hirota 106

Metastases to the Breast: Differential Diagnosis From Primary Breast Carcinoma
Beatrice Vergier, Monique Trojani, Isabelle de Mascarel, Jean-Michel Coindre, and Alain Le Treut 112

Gastric Carcinoma Metastatic to the Breast
Leigh S. Hamby, Patrick C. McGrath, Michael L. Cibull, and Richard W. Schwartz 117

Cytoreductive Surgery Impedes Metastasis and Enhances the Immune Response: A Preliminary Report
Gedas Grinis, Paul Targonski, Michael Shaw, Marvin Rubenstein, and Patrick D. Guinan 122

A Phase II Pilot Study of the Combined Application of Hyperthermia and Intra-Hepato-Arterial Chemotherapy Using Cisplatinum and 5-Fluorouracil
Ryuichi Hamazoe, Atsunobu Murakami, Yasuaki Hirooka, Michio Maeta, and Nobuaki Kaibara 127

Thoracoscopy in the Diagnosis of Pleural Effusion of Ambiguous Etiology
Sanjay Sharma and Anil D'Cruz 133

Comparison of R1 and R2 Gastrectomy for Gastric Cancer in Patients Over 80 Years of Age
Daisuke Korenaga, Hideo Baba, Yoshihiro Kakeji, Hiroyuki Orita, Masaru Haraguchi, Yoshihiko Maehara, Motonori Saku, and Keizo Sugimachi 136

Congenital Mesoblastic Nephroma, Nephrocalcinosis, and Hypertrophic Pyloric Stenosis
Javier C. Angulo, Jose I. Lopez, Cosme Ereño, and Nicolas Flores 142

Pulmonary Clear Cell Carcinoma
Naohiko Inase, Shigemitsu Takayama, Morito Nakayama, Hirotaro Miura, and Yuji Kimula 145

Volume 48, Number 3, November 1991

Editorial Comment: Is There an Established Role for Immunotherapy for any of our Surgical Cancers?
E. George Elias 149

Mammogram-Directed Fine-Needle Aspiration of Nonpalpable Breast Lesions
Gary I. Arishita, Bradley K. Cruz, Clark T. Harding, and David R. Arbutina 153

Survival of Patients With Metastatic Breast Cancer Diagnosed Between 1955 and 1980
Daniel Debonis, Jose J. Terz, Samuel Eldar, and L. Robert Hill 158

Frequency and Experience With Carcinoma of the Thyroid at a Private, a Veterans Administration, and a University Hospital
Michael B. Flynn, Jeremy Tarter, Kela Lyons, and Terry Ragsdale 164

Subtotal Submucosal Cricoid Resection: An Experimental Study
Ashok Shaha, Carlos Burnett, Terry DiMaio, and Bernard M. Jaffe 171

Heating Efficiency of Radiofrequency Capacitive Hyperthermia for Treatment of Deep-Seated Tumors in the Peritoneal Cavity
Ryuichi Hamazoe, Michio Maeta, Atsunobu Murakami, Hirsohi Yamashiro, and Nobuaki Kaibara 176

Rhabdomyosarcoma of the Bladder and Prostate in Children
Muralidhar R. Kamat, Jagdeesh N. Kulkarni, Hemant B. Tongaonkar, and R. Ravi 180

Receptors for Epidermal Growth Factor and Steroid Hormones in Primary Colorectal Tumors
Giovanni Scambia, Pierluigi Benedetti Panici, Rocco Bellantone, Giovanni Battista Doglietto, Luigi Sofo, Gabriella Ferrandina, Carlo Ratto, Maurizio Bossola, Francesco Crucitti, Lucia Cristina Spagnolo, and Salvatore Mancuso 183

Clinical Usefulness of Chemosensitivity Testing Using the MTT Assay
Toshiharu Furukawa, Tetsuro Kubota, Akihiko Suto, Tetsuya Takahara, Hiroshi Yamaguchi, Tooru Takeuchi, Suguru Kase, Susumu Kodaira, Kyuya Ishibiki, and Masaki Kitajima 188

Esophageal Sarcomas
Steven J. Perch, Edward M. Soffen, Richard Whittington, and John J. Brooks 194

Treatment of Metastatic Malignant Melanoma With 24 Hours Continuous Venous Infusion of Dacarbazine and Cisplatin
Fikri Icli, Handan Karaoguz, Dilek Dincol, Nazan Gunel, and Ahmet Demirkazik 199

Clinical Features of the Differentiated and Undifferentiated Types of Advanced Gastric Carcinoma: Univariate and Multivariate Analyses
Sunao Moriguchi, Tatsurou Kamakura, Tomohiro Odaka, Yoshiaki Nose, Yoshihiko Maehara, Daisuke Korenaga, and Keizo Sugimachi 202

Correlation Between Pathological Risk Factors and Pelvic Lymph Node Metastases in Stage I Squamous Carcinoma of the Cervix: A Multivariate Analysis of 194 Cases
Ali Ayhan, Z. Selçuk Tuncer, Türkan Küçükali, Tarik Tuna, and Tayfun Enünlü 207

Wilms' Tumor in Horseshoe Kidney: Presentation Due to Ureteropelvic Junction Obstruction
Jason G. Nirgiotis, C. Thomas Black, and Joseph O. Sherman 210

Chemo-Irradiation Induced Aortoesophageal Fistula
Nashat Y. Gabrail, Bruce R. Harrison, and Young C. Sunwoo 213

Volume 48, Number 4, December 1991

Editorial Comments: Axillary Dissection in Breast Cancer: When, Why, How Much, and for How Long? Another Operation Soon to be Extinct?
Peter J. Deckers 217

An Immunological Aspect of Melanoma and its Potential Application in Adjuvant Therapy
E. George Elias and Vesna J. Tomazic 220

Functional Outcome in Patients Treated With Surgery and Irradiation for Soft Tissue Tumours
Robert S. Bell, Brian O'Sullivan, Aileen Davis, Fred Langer, Bernard Cummings, and Victor L. Fornasier 224

Diagnosis and Management of Sacrococcygeal Chordoma
Kevin P. Bethke, James P. Neifeld, and Walter Lawrence Jr. 232

Effect of Prostaglandin E in Multiple Experimental Models. VIII. Effect on Host Response to Metastatic Tumor
J. Paul Waymack, Eliezer Flescher, Jaya Venkatraman, Gabriel Fernandes, Rey F. Guzman, Roger W. Yurt, Arthur D. Mason, Jr., and Basil A. Pruitt, Jr. 239

Imaging-Guided and Nonimaging-Guided Fine Needle Aspiration of Liver Lesions: Experience With 406 Patients
Yeouda Edoute, Orly Tibon-Fisher, Shlomo A. Ben-Haim, and Ehud Malberger 246

Combining Independently Effective Anticancer Agents May Not Augment the Independent Antitumor Effects: A Study Using Human Digestive Organ Cancer Xenograft Lines in Nude Mice
Yoshinori Nio, Chen-Chiu Tseng, Michihiko Tsubono, Kazuya Kawabata, Yoshikazu Masai, Takahiro Shiraishi, Manabu Fukumoto, and Takayoshi Tobe 252

p53 Alterations in All Stages of Breast Cancer
Andrew M. Davidoff, Billie-Jo M. Kerns, Jeffrey C. Pence, Jeffrey R. Marks, and J. Dirk Iglehart 260

Intermediate Lymphocytic Lymphoma: Its Frequency and Characteristics in Japan
Katsuyuki Aozasa, Masahiko Ohsawa, Keisuke Horiuchi, Akira Myoui, and Kiyoshi Kawano 268

Bilateral Renal Oncocytomas: Management and Nuclear Analysis
J. Stuart Wolf, Jr. and Peter R. Carroll 272

Epidermoid Cyst of the Testicle in Children
John V. Pinski, Saul P. Greenfield, Saeeda Siddiqui, and John Fisher 277

Carcinoma of the Cystic Duct
Koji Yamaguchi, Kazuyoshi Nishihara, and Masazumi Tsuneyoshi 282

Author Index to Volume 48 287

Subject Index to Volume 48 290